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IN THE CLAIMS:

Please cancel claims 1- 15 without prejudice or disclaimer. Please add new claims :

1-15 Cancelled

16. (New) A device for injecting or infusing medicine wherein:

the device comprises a sealed circuit receiving signals from sensors that monitor selected parameters describing conditions of the device, wherein the sensors are integrated in a sealed circuit block and wherein at least one sensor is a Hall sensor and wherein the Hall sensor is signalled by a magnet fixed to a first part of the device to monitor the position of the first part relative to a second part accomdating the sealed circuit block and wherein the sealed circuit block comprises a timer.

17. (New) The device of claim 16, wherein the timer is triggered by movement of the magnet relative to the Hall sensor.

18. (New) The device of claim 16, wherein a first signal is sent to the circuit to energize the Hall sensor and other energy consuming sensors.

19. (New) The device of claim 16, wherein motion of the first part relative to the second part corresponds to a size of a dose of medication and wherein the motion is sensed by the movement of the magnet relative to the Hall sensor and signal(s) from the Hall sensor communicate to the circuit to track the size of the dose and wherein the timer is triggered by injecting or infusing and tracks elapsed time.

20. (New) An injection or infusion device comprising:

a sealed circuit, wherein the circuit comprises a timer and a Hall element sensor;

an injection button for allowing a user to expel medication from the device;

a magnet fixed to a portion of the device, the portion being moveable relative to the Hall element sensor so that motion of the portion is detected by the Hall effect sensor and communicated to the sealed circuit.

21. (New) The device of claim 20, wherein motion of an injection button is detected by the Hall effect sensor.

22. (New) The device of claim 20, further comprising a switch that energizes the circuit.

23. (New) The device of claim 21, wherein the Hall effect sensor triggers the timer.

24. (New) A device for injecting or infusing medication at the press of a button, the device comprising:

a circuit for monitoring conditions of the device;

a first part that is moveable relative to a second part, the circuit disposed on or in the first part;

a moveable magnet disposed on or in the second part;

and wherein the circuit comprises a Hall element that signals the circuit when the first and second part move relative to each other; and wherein the circuit comprises a timer that records elapsed time from the pressing of a button during injection or infusion.

25. (New) The device of claim 24, wherein the circuit comprises an additional input that energizes the Hall element

26. (New) A device comprising a housing for accommodating a cartridge of medication having a moveable piston;

a. a drive for driving the piston;

b. a first part and a second part that move relative to each other;

c. a magnet disposed on the first part;

d. a sealed circuit comprising a Hall element sensor disposed on the second part that detects the relative motion of the first part and the second part and comprises a timer that is triggered when the drive for piston is activated to expel medication from the cartridge.

27. (New) The device of claim 26, wherein the relative motion of the first part and second part is recorded as a size of a dose and wherein the timer is triggered by the user injecting a dose.

28. (New) A device for injecting or infusing medical preparations in the human body in which the device comprises a sealed electric circuit receiving signals from sensors which monitor selected parameters describing conditions of the device, wherein the sensors are

integrated in a circuit block that is mounted in or on the device and wherein at least one sensor is a Hall element and wherein the Hall element is signaled by a magnet disposed

on a part of the device to monitor the position of the part relative to the circuit block and wherein the circuit block comprises a timer and has a first input for a reset signal, a second input for a signal activating a read out of the circuit and an output to a display displaying the read out of the time lapsed after the latest receipt of a signal on the first input, the circuit block further being provided with a sensor connected to the first input, the sensor connected to the first input giving off a signal when an injection button on the device is pressed to expel medication for the device and a means for sending of a signal to the second input to activate the read out of the circuit.

29. (New) The device of claim 28, wherein a signal sent to the second input opens the energizing of the Hall element and other energy consuming sensors.

30. (New) The device of claim 28, wherein the Hall element sends a signal to the first input when it detects a change in the position of the magnet relative to the circuit block.